

- 1        1.    A method of displaying and recording a video  
2        transmission comprising:  
3                monitoring an ongoing video transmission for a  
4        predetermined characteristic; and  
5                upon detecting said characteristic, automatically  
6        recording said video transmission while said video  
7        transmission is being displayed.
- 1        2.    The method of claim 1 wherein monitoring an  
2        ongoing video transmission includes monitoring for the  
3        transition from a live broadcast to a replay.
- 1        3.    The method of claim 2 wherein monitoring an  
2        ongoing video transmission includes monitoring for a first  
3        cue to begin the recording of the video transmission and  
4        monitoring for a second cue to end the recording.
- 1        4.    The method of claim 1 further including  
2        displaying on a display screen the video transmission  
3        together with one or more representations of portions of  
4        the video transmission which have been recorded.
- 1        5.    The method of claim 1 wherein monitoring an  
2        ongoing video transmission for a predetermined  
3        characteristic includes monitoring the transmission for a  
4        digital signal indicating that recording should begin.

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1           6.    The method of claim 1 wherein monitoring an  
2 ongoing video transmission includes monitoring a closed  
3 caption transmission accompanying said video transmission.

1           7.    The method of claim 1 wherein monitoring an  
2 ongoing video transmission includes monitoring the vertical  
3 blanking interval.

1           8.    The method of claim 1 including storing said  
2 recorded video transmission information on a receiver that  
3 receives said video transmission.

1           9.    The method of claim 1 wherein monitoring an  
2 ongoing video transmission for a predetermined  
3 characteristic includes monitoring for a characteristic  
4 indicative of a replay.

1           10.   The method of claim 1 further including enabling  
2 the recorded video transmission to be replayed, and then  
3 accelerating the rate of replaying a portion of the  
4 transmission that occurred when the recorded video  
5 transmission was being played.

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1           11.   A transmitter comprising:  
2                a monitor that monitors an ongoing video  
3 transmission and provides an indication when a  
4 characteristic is detected; and  
5                a transmission device that transmits said video  
6 transmission together with said indication.

1 12. The transmitter of claim 11 wherein said  
2 transmission device is a cable television transmitter.

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1 13. The transmitter of claim 11 wherein said  
2 transmission device is a satellite television transmitter.

1 14. The transmitter of claim 11 wherein said  
2 transmission device is a over the air broadcast television  
3 transmitter.

1 15. The transmitter of claim 14 wherein said  
2 transmission device is a transmitter that transmits said  
3 indication in the vertical blanking interval.

1 16. An article comprising a medium for storing  
2 instructions that cause a computer to:  
3 monitor an ongoing video transmission for a  
4 predetermined characteristic; and  
5 upon detecting said characteristic, automatically  
6 record said video transmission while said video  
7 transmission is being displayed.

1 17. The article of claim 16 further including  
2 instructions that cause a computer to monitor for the  
3 transition from a live broadcast to a replay.

1 18. The article of claim 16 further including  
2 instructions that cause a computer to monitor for a first

3 cue to begin the recording of the video transmission and  
4 monitor for a second cue to end the recording.

1 19. The article of claim 16 further including  
2 instructions that cause a computer to display on a display  
3 screen the video transmission together with one or more  
4 representations of portions of the video transmission which  
5 have been recorded.

1 20. The article of claim 16 further including  
2 instructions that cause a computer to monitor the  
3 transmission for a digital signal indicating that recording  
4 should begin.

1 21. The article of claim 16 further including  
2 instructions that cause a computer to monitor for a  
3 characteristic indicative of a event to be recorded.

1 22. A video receiver comprising:  
2 a first device to receive a video signal;  
3 a second device coupled to said first device to  
4 detect a characteristic of said signal; and  
5 a video recorder that records said video signal  
6 in response to the detection of said characteristic.

1 23. The receiver of claim 22 wherein said second  
2 device detects a cue encoded with the video signal.

